

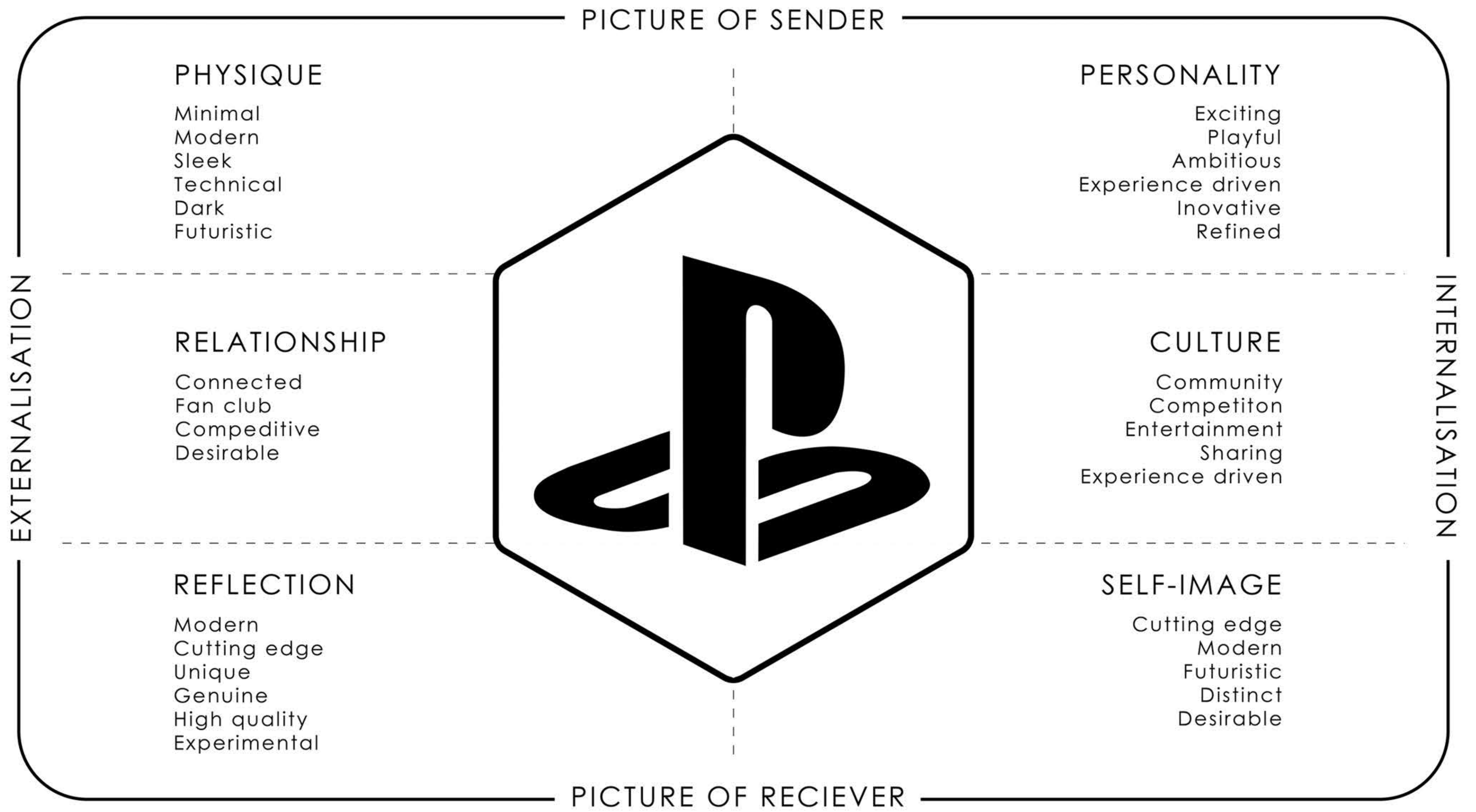


M

CONCEPT STATEMENT

“To create a ‘Smart Office’ where spaces, technology and materiality create a positive and resilient working environment to facilitate the wellbeing of its inhabitants.”

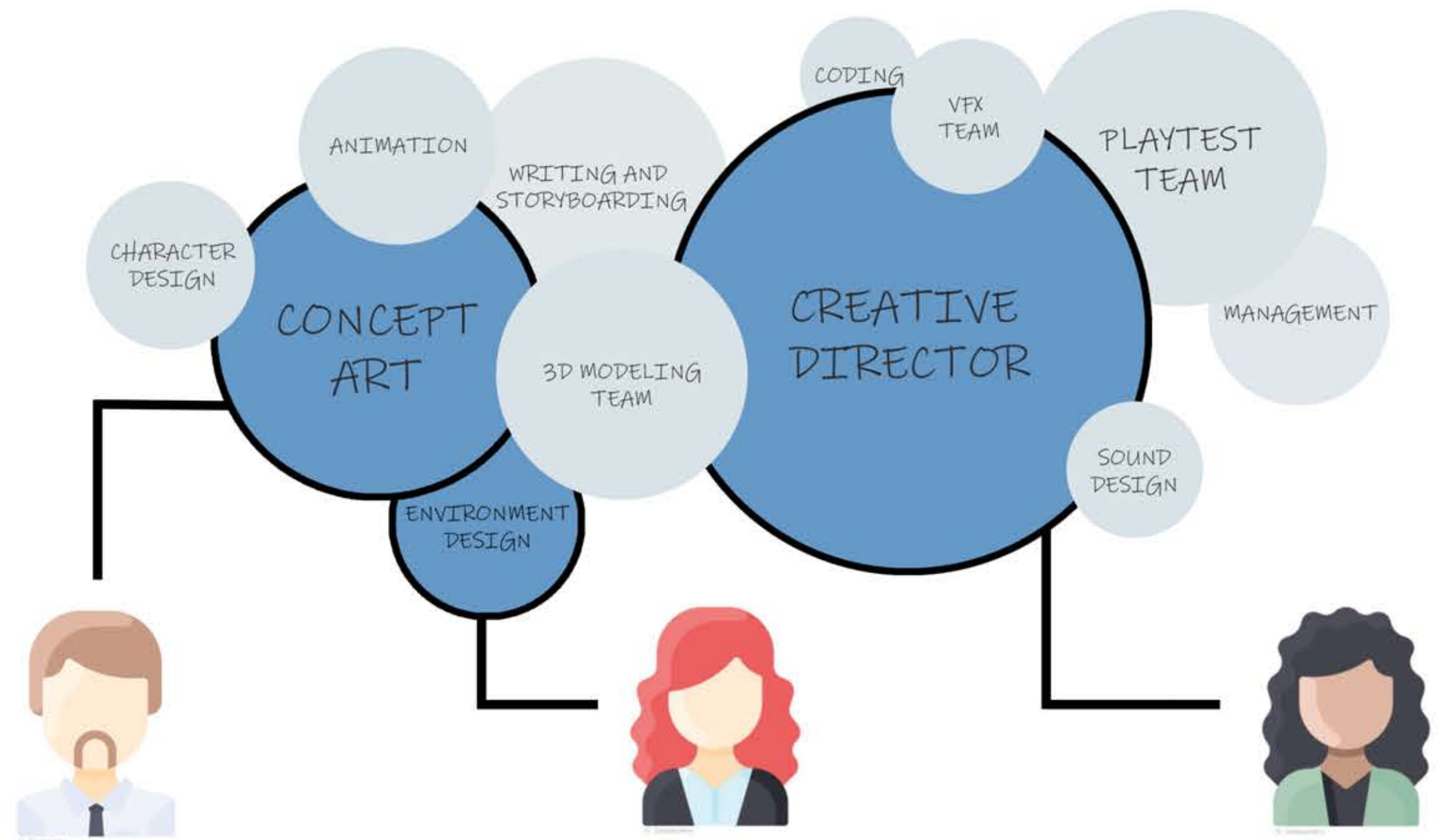
Matt S



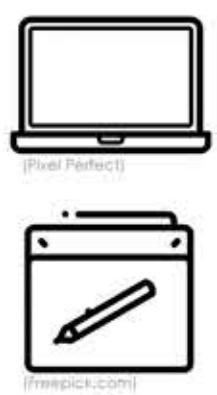
01 DREAMS & CURIOSITY

02 INTEGRITY & SINCERITY

03 DIVERSITY



Greg | 50 | Senior Concept Artist
CONFIDENT | RESPONSIBLE | STRUCTURED



- Prefers fixed workstation
- Is independent and focused
- Expert in field
- Needs isolated workspaces



CREATIVE FREEDOM

Greg needs spaces which allow him to explore new & exciting ideas



Stacy | 22 | Environment Designer
PASSIONATE | FLEXIBLE | EXTERNALLY MOTIVATED

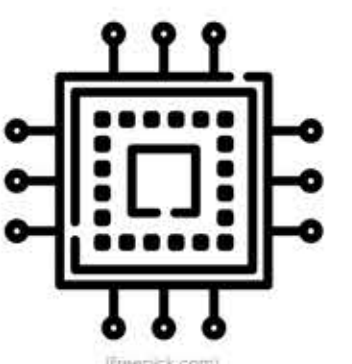


- Needs powerful computer for her work
- Sits for long hours and prefers to stay active and healthy
- New to working world
- Needs focused and colaborative workspaces

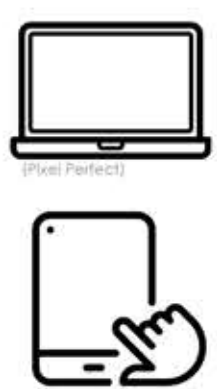


TECHNOLOGY

Stacy needs spaces which ease her workflow and enable her to work both productivly and comfortably



Zanele | 31 | Creative Director
SELF MOTIVATED | HARD WORKING | TEAM ORIENTED



- Needs flexible workstation
- Is an organiser
- Experienced
- Needs colaborative workspaces



COLLABORATION

Zanele needs spaces which allow her to freely express and communicate her ideas



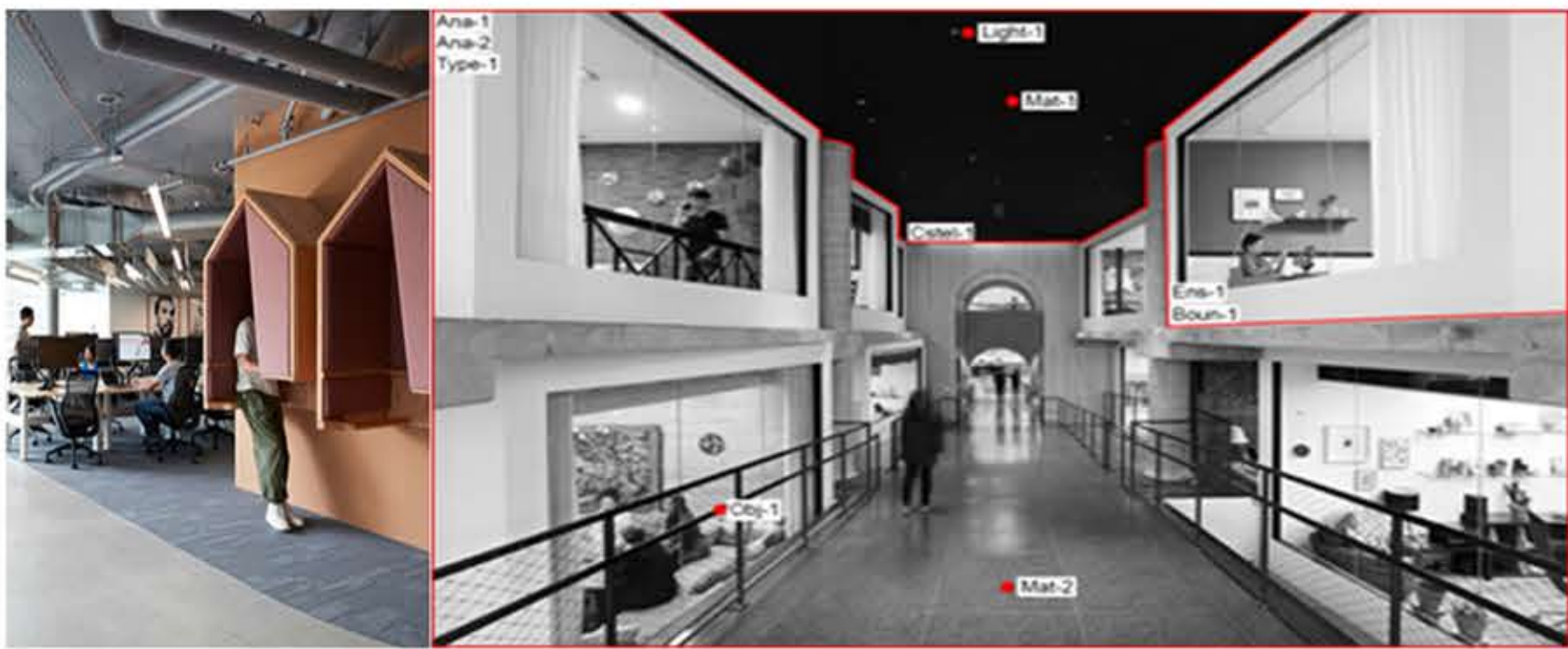
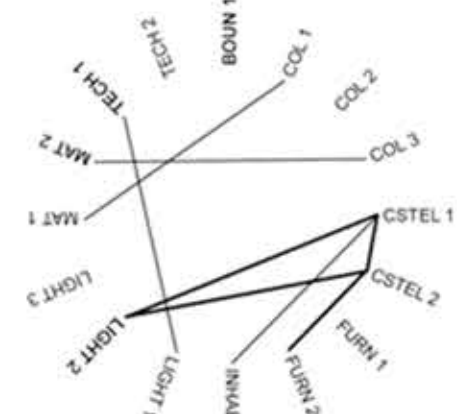
ONT THEORY



Memo description
Flexible and dynamic workspaces allow the users to decide on the types of work that needs doing at any given time and the space accommodates for that, giving the users a greater sense of freedom and self expression. The material and colour palette of soft tones give the space a welcoming and homely feel.

Denotation	Connotation
BOUN - 1 Curtain wall	Nature, exploration, outdoors
COL - 1 Light timber	Concentration, trust, nature
COL - 2 Cadet blue	Calm, neutral
COL - 3 Grey	Sharing, friendship, conversation
CSTE - 1 Collaborative workspace	
CSTE - 2 Pendant luminaires	
FURN - 1 High chair	Informal
FURN - 2 Office chair	Formal
INHAB - 1 Staff	
LIGHT - 1 LED Downlight	
LIGHT - 2 Pendant Luminaire	
LIGHT - 3 Desk lamp	
MAT - 1 Linoleum Flooring	Nature, outdoors, natural
MAT - 2 Timber cladding	Urban, edgy
TECHN - 1 Exposed services	

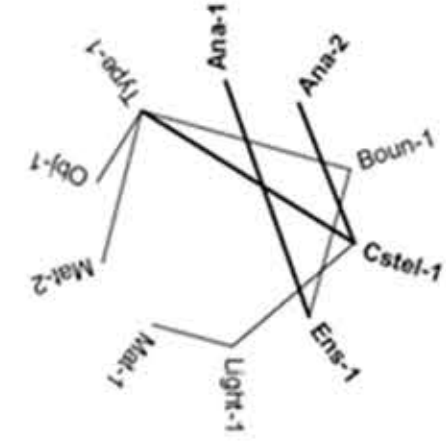
Project: Thomas House co - working offices,
Designer : SODA Architecture Studio
Completion : 2018
Place : Central London



Memo description
The meeting rooms resemble Airbnb listings, creating an eclectic assembly of visual languages that stems from the brand's identity of providing temporary accommodation around the globe. This idea of temporary living is repeated throughout the space in the form pods that allow users to pause for a few moments.

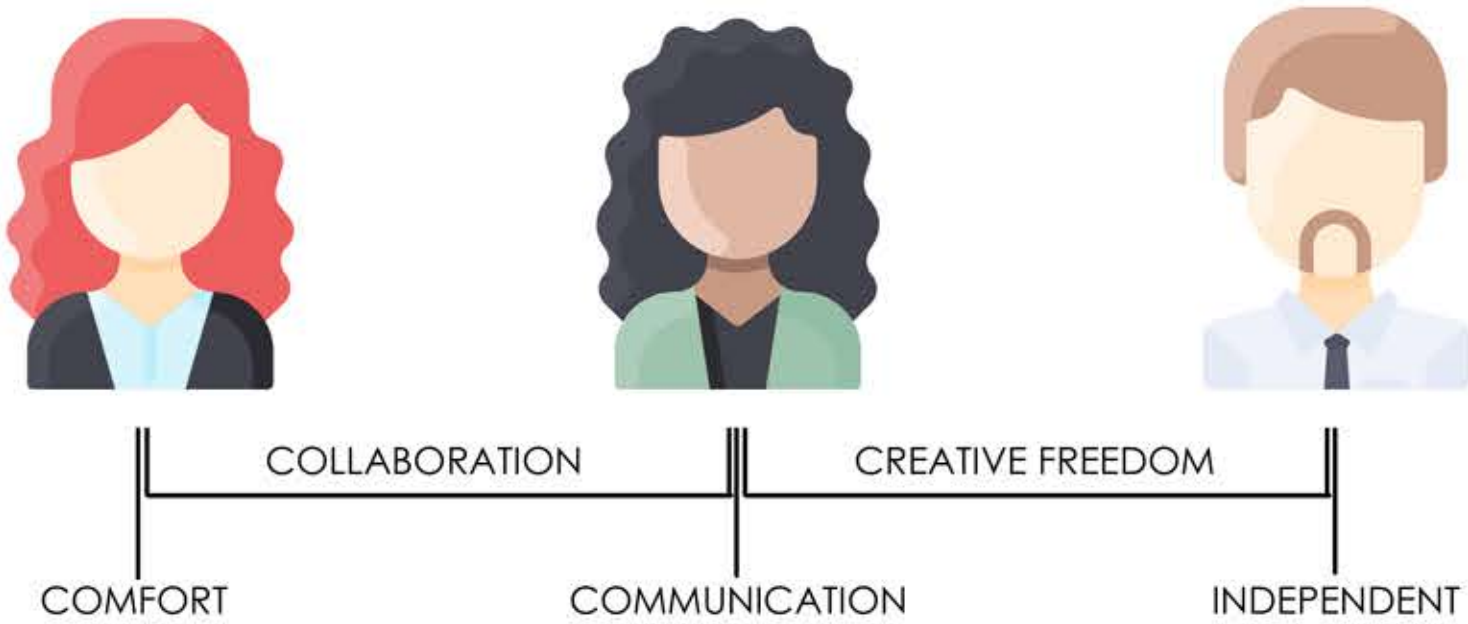
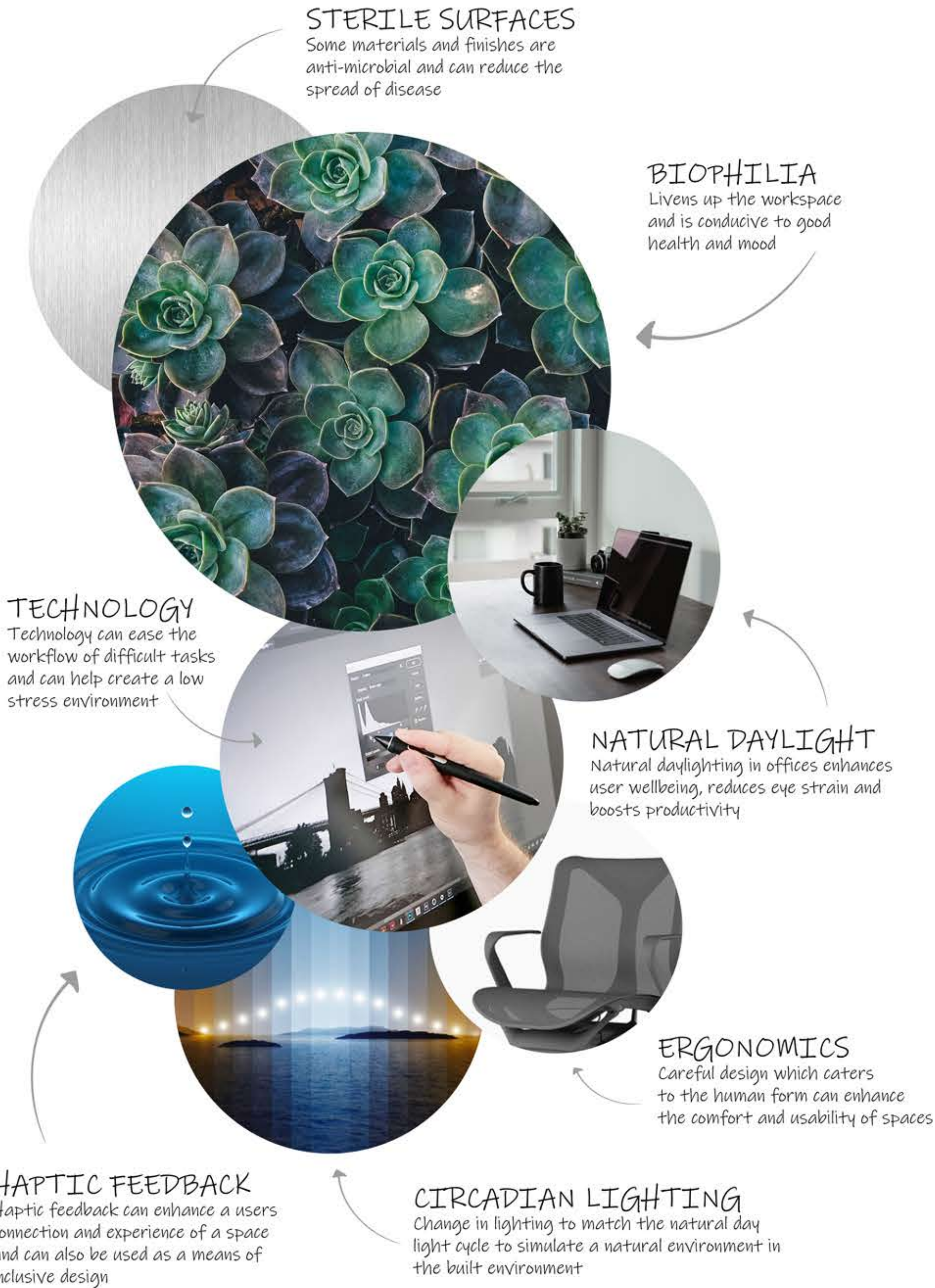
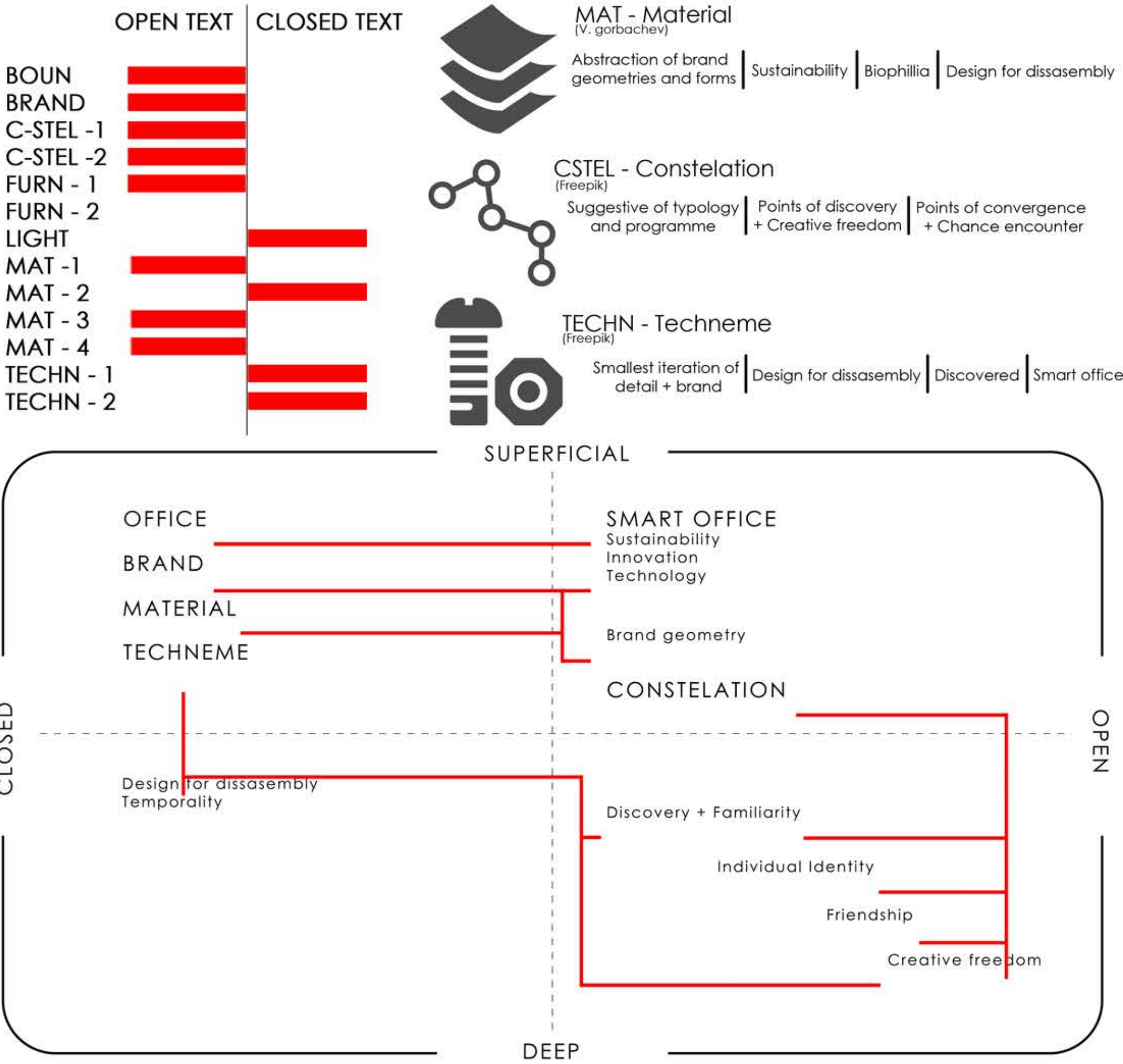
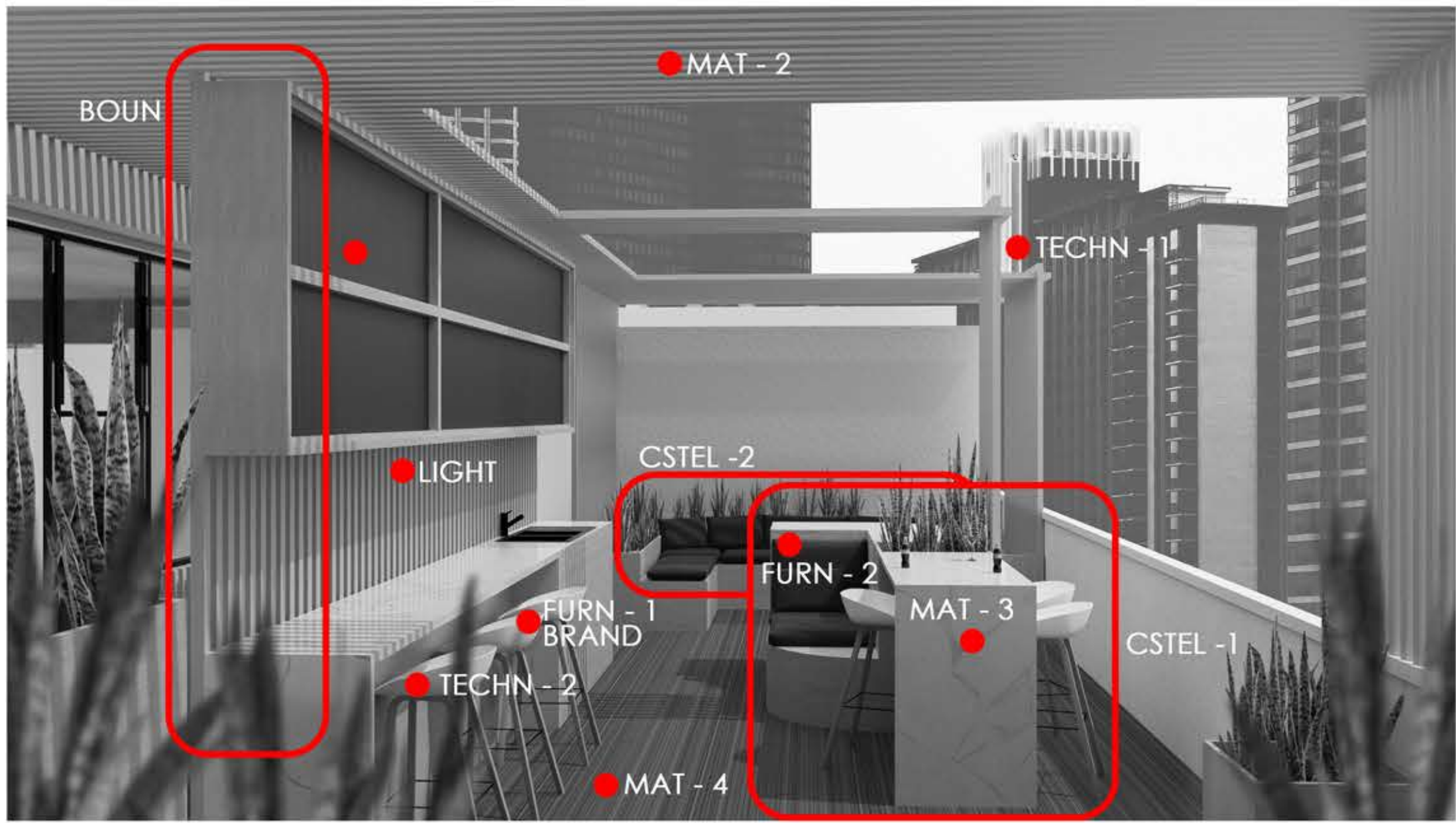
Denotation	Connotation
ANA - 1 Meeting rooms	Symbolic of global listings
ANA - 2 Circulation Space	Symbolic of street between buildings
Space	
BOUN - 1 Wall and Window	Symbolic of night sky in the city
CSTE - 1 Ceiling and lights	Meeting or conference room
ENS - 1 Seating and tables	
LIGHT - 1 Downlighter	Stars
MAT - 1 Gypsum ceiling painted black	Night sky
MAT - 2 Ceramic tiles: Grey	Concrete sidewalk
OBJ - 1 Handrail: Painted black	Boundary of walkway
TYPE - 1 Circulation	

Project: Airbnb Headquarters
Designer: WRNS Studio
Completion: 2015
Place: San Francisco



CONCEPT STATEMENT

"To create a 'Smart Office' where spaces, technology and materiality create a positive and resilient working environment to facilitate the wellbeing of its inhabitants."



BRAND MEETS SUSTAINABILITY



BRAND MEETS WELLBEING



MATERIAL SELECTION



01

DESIGN FOR
DISSASSEMBLY



Materials are all selected with mechanical fixing in mind



Materials such as timber and clip - lock roof sheeting have opportunities for mechanical joining due to the nature of the material



Mechanical fixing preserves the materials structural integrity and usefulness making it more appropriate for re - use later in its lifecycle

02

SUSTAINABILITY



Materials are selected with their end use in mind. While some have a high embodied energy they are offset by their reusability and durability



Many of the materials selected contain partially recycled content and are 100% recyclable themselves



The materials are selected with reuse in mind. The following poster will elaborate on this in detail

03

BRAND IDENTITY



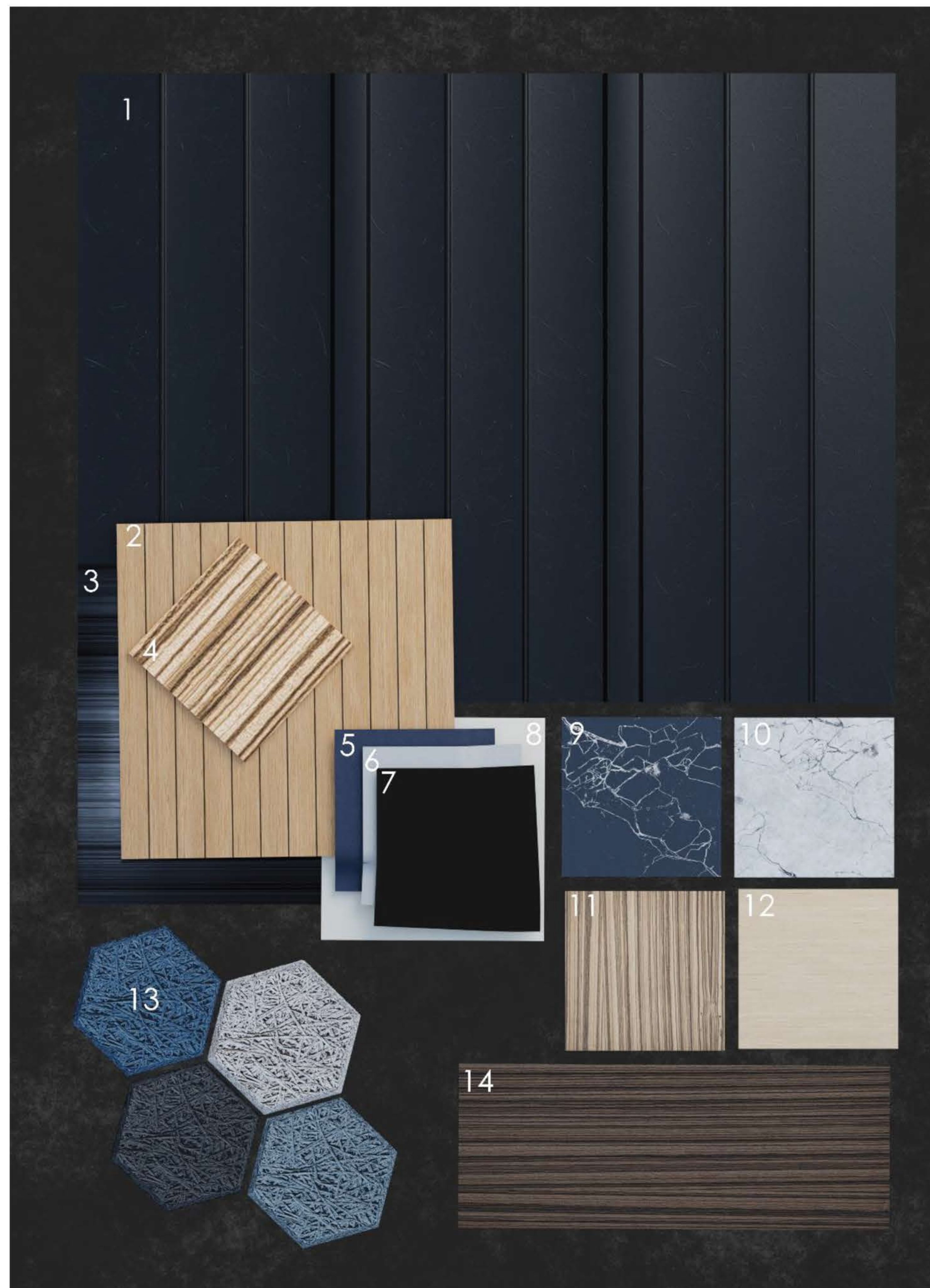
The materials are selected to evoke the forms and geometries of Playstation



Timber elements are then used to soften the otherwise harsh and austere elements

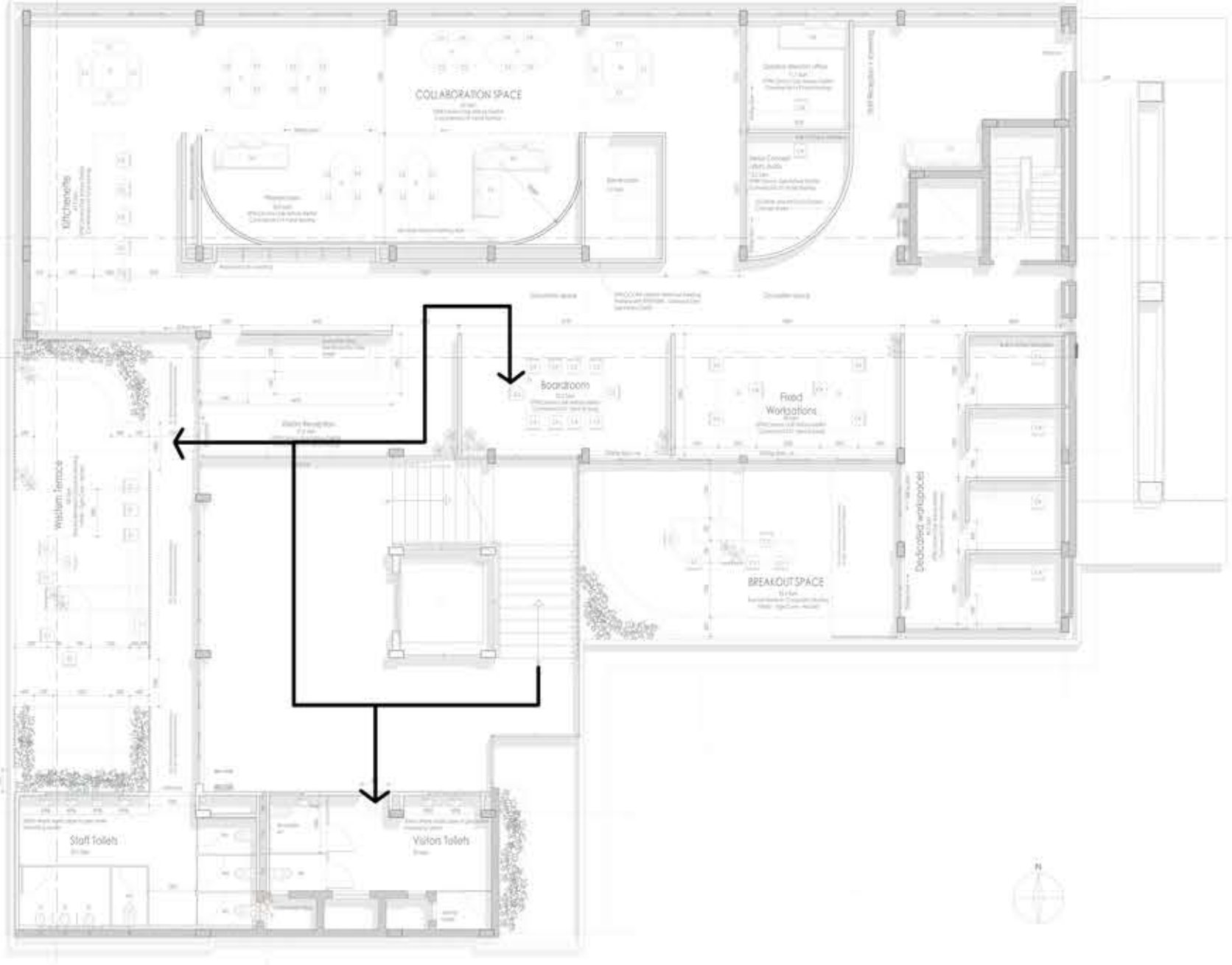


Materials are selected with the brands ethos in mind. Innovation, creativity and technology

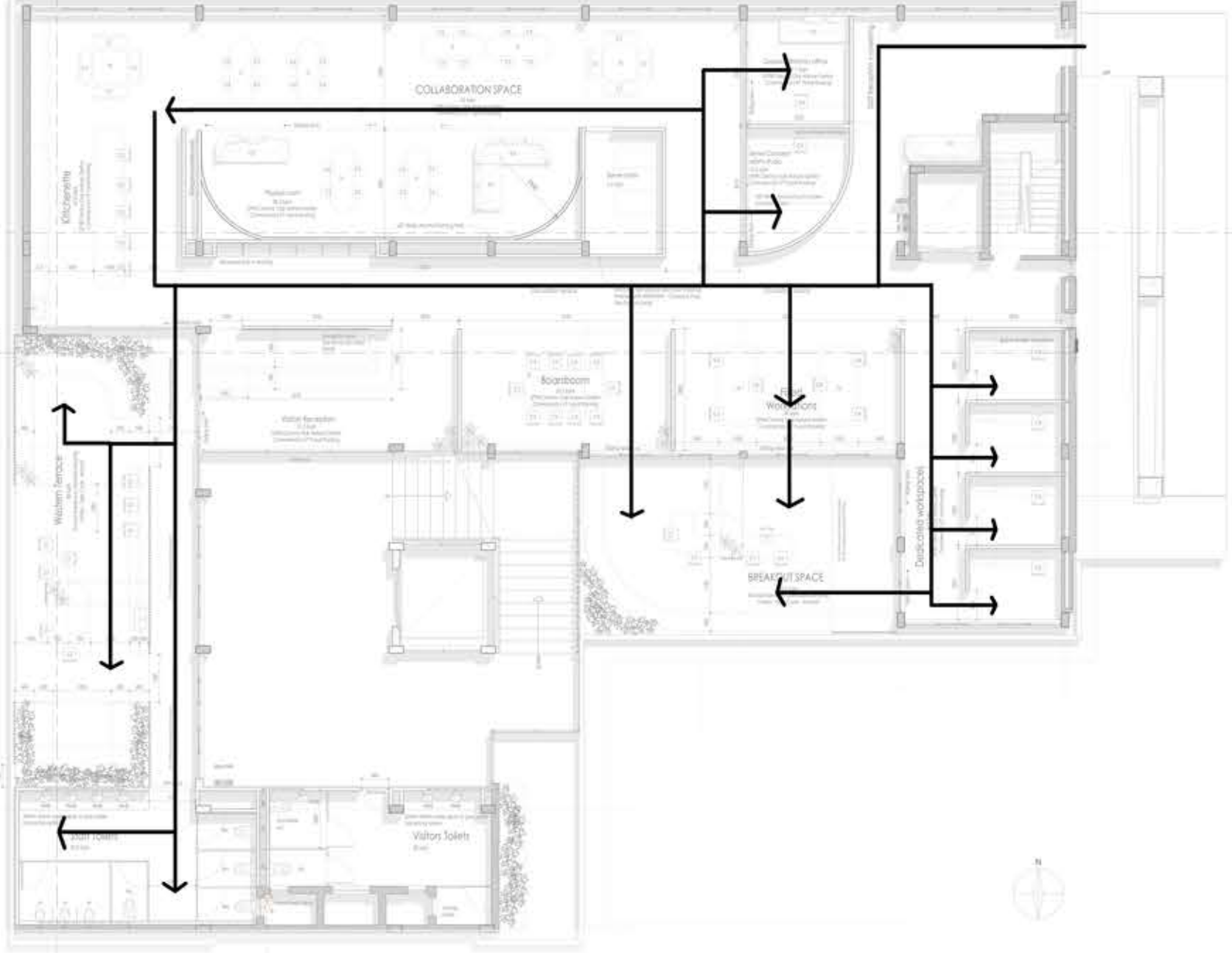


- 1 - SAFLOCK 440 cliplock steel roof sheeting finished with RHEINZINK - Charcoal Grey
- 2 - 15mm thick Woodysorber Acoustic Panels in Light Bamboo - Green Acoustics
- 3 - Brushed Stainless Steel
- 4 - 0798 Cervino Oak Nature Gerflor Commercial LVT Vynal flooring
- 5 - 340 GSM DUCKWEAVE CANVAS 100% African cotton - Organic fabrics - Navy Blue
- 6 - 340 GSM DUCKWEAVE CANVAS 100% African cotton - Organic fabrics - Natural
- 7 - 340 GSM DUCKWEAVE CANVAS 100% African cotton - Organic fabrics - Charcoal Black
- 8 - 12mm thick Plasterboard Drywall
- 9 - 20mm thick 3100 'Jet Black' Caesarstone
- 10 - 20mm thick 5151 'Empira White' Caesarstone
- 11 - 12.5mm thick 'Comibra' Melawood Supagloss PG Bison
- 12 - 18mm thick Birch plywood
- 13 - Wood Wool Panels – Green Acoustics
- 14 - Eva-last Bamboo Composite Decking 'Infinity - Tiger Cove - Arched'

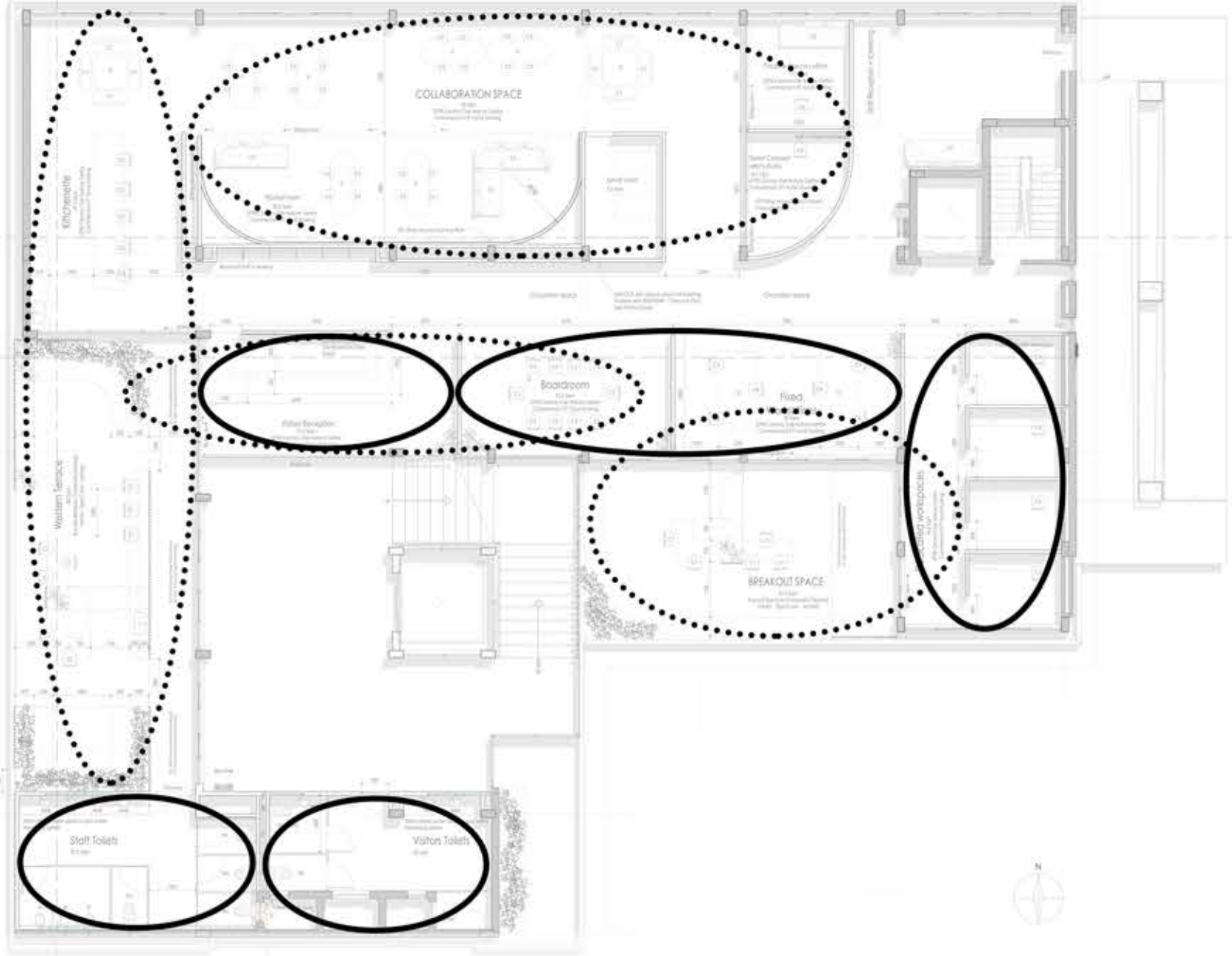
VISITORS MOVEMENT



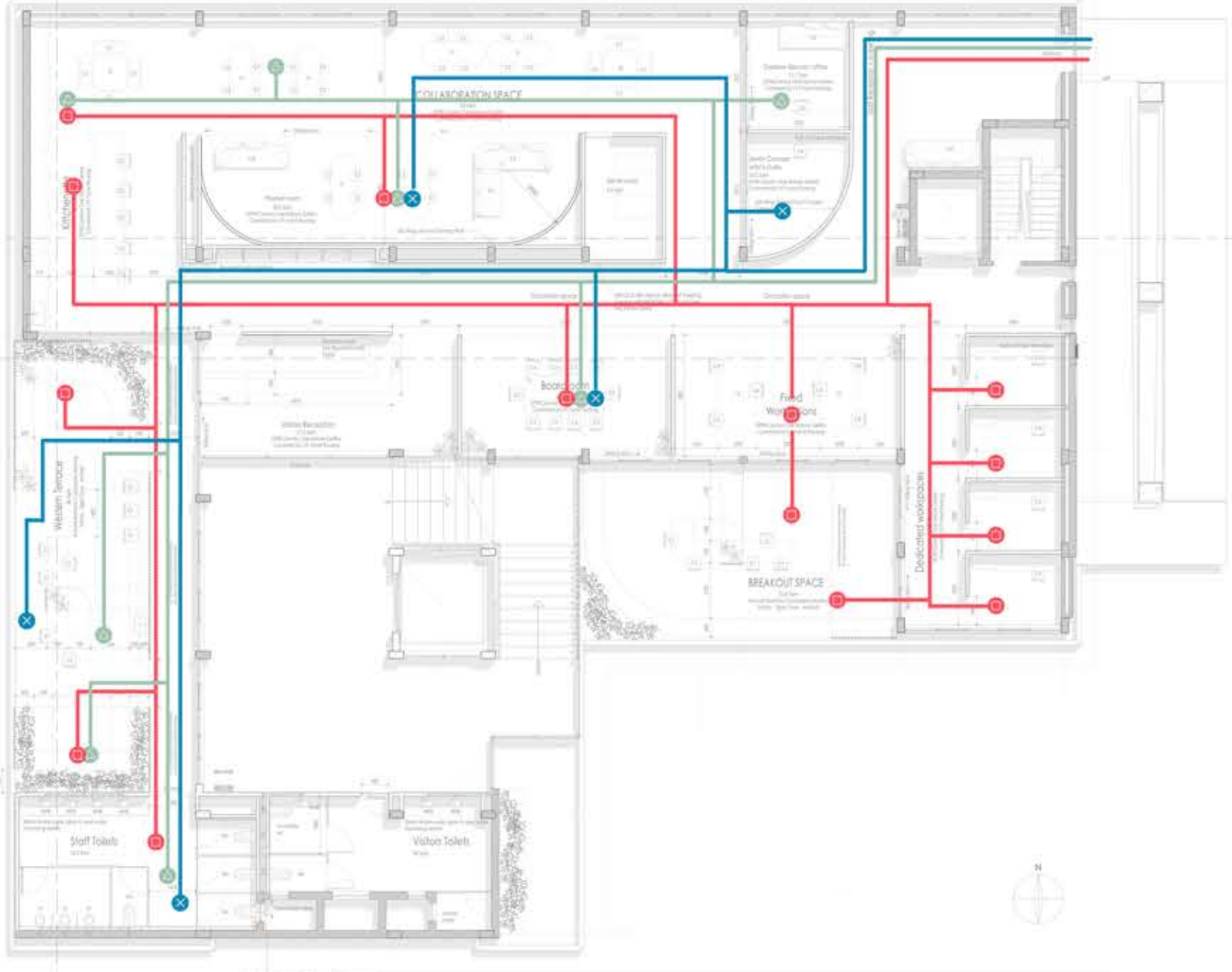
STAFF MOVEMENT



SPATIAL RELATIONSHIP



USER JOURNEY



01

COLLABORATIVE

MODULAR
PROGRAMMABLE
OPEN PLAN

02

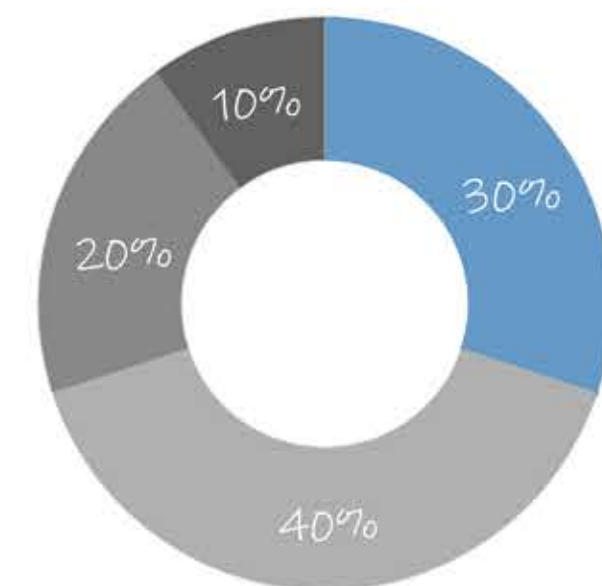
FOCUSED

FIXED
DEDICATED WORKSTATION
ERGONOMIC
PRIVATE

03

MIXED

HOT-DESKING
50/50 PRIVATE/PUBLIC
SEMI PROGRAMMABLE



PLAYTEST | COLLABORATIVE + CREATIVE | FOCUSED | RELAXATION + BREAKAWAY

@ 435 m²

3

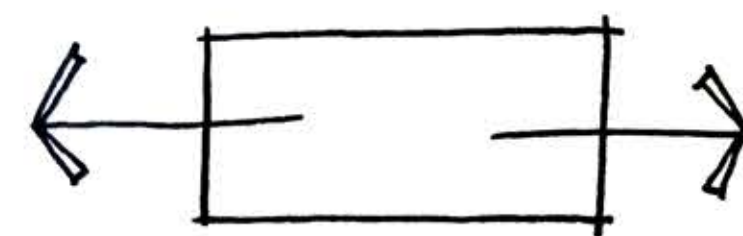
9

12

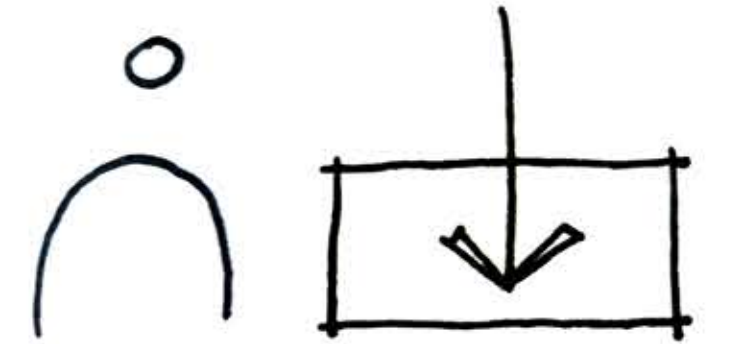
5

SOCIAL DISTANCING STRATEGIES

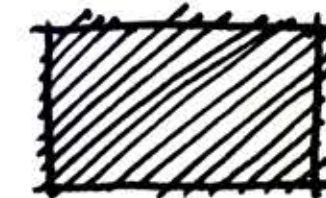
Spacious working environment



Lowered occupancy



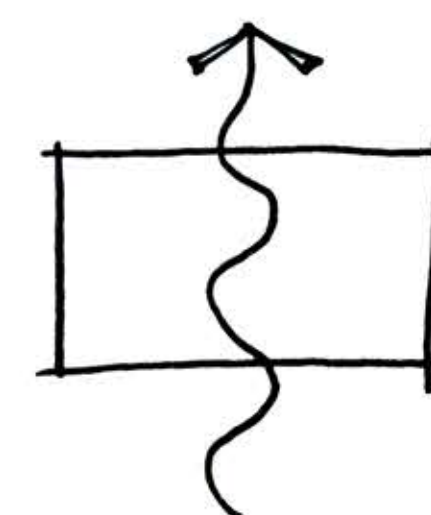
Sterile surfaces in high traffic areas



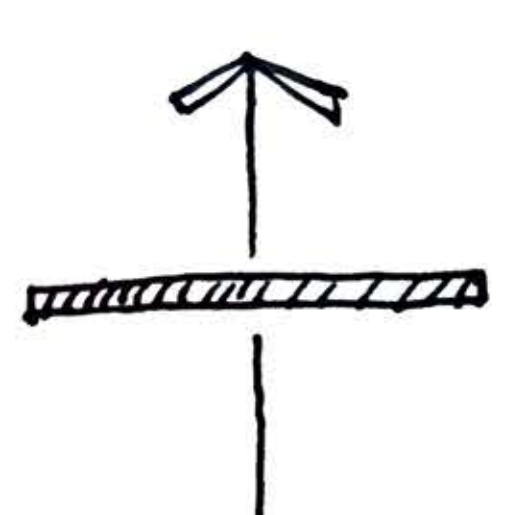
Compartmental Workspaces



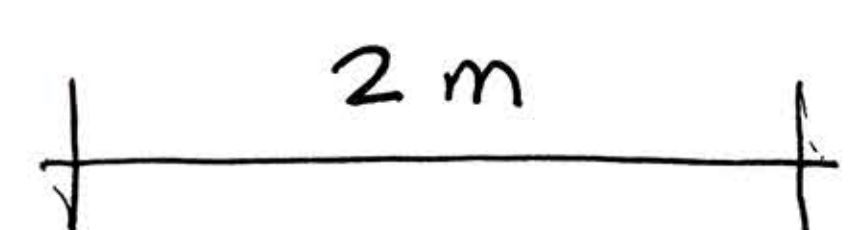
Open airflow

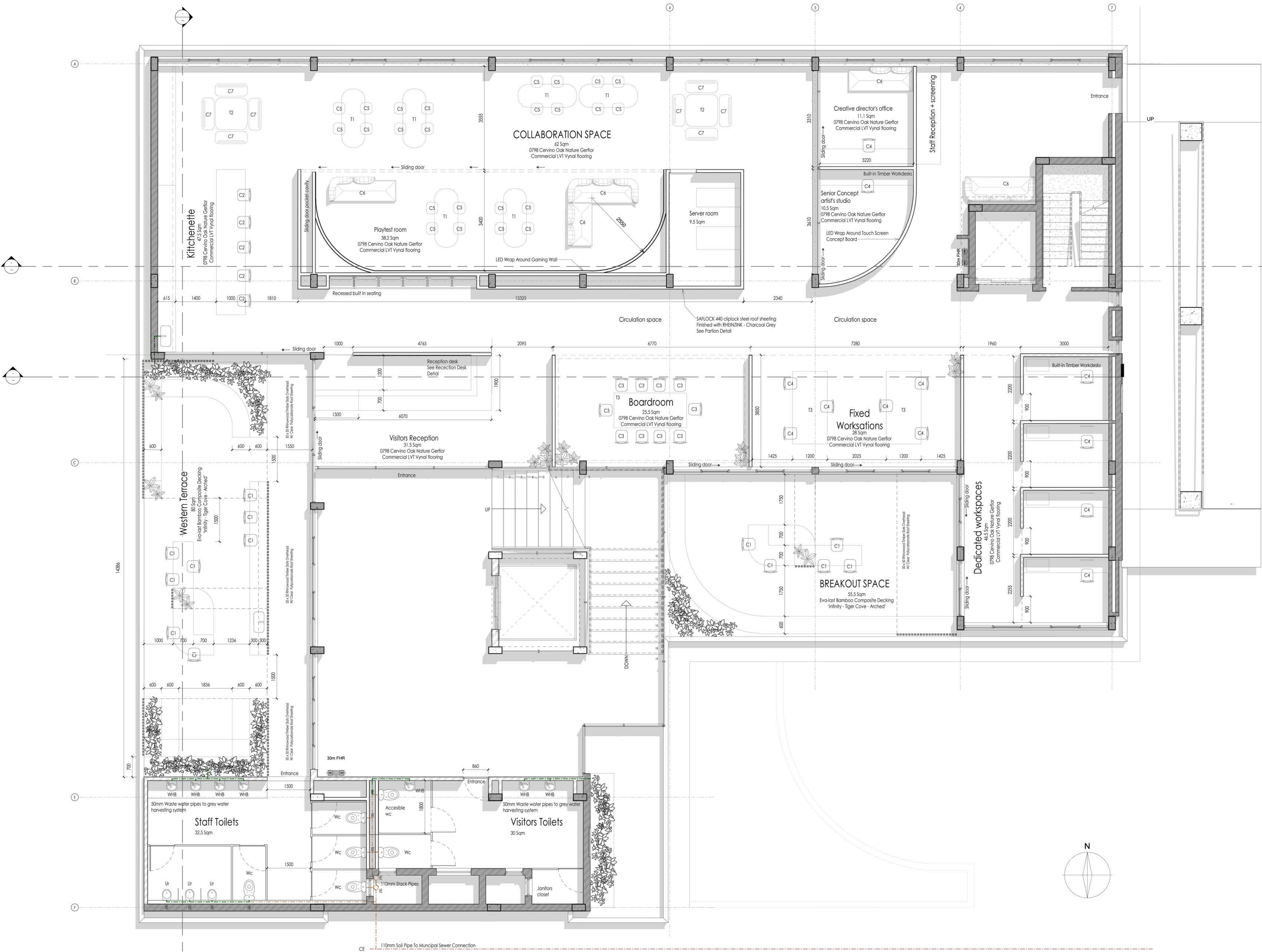


Controlled access



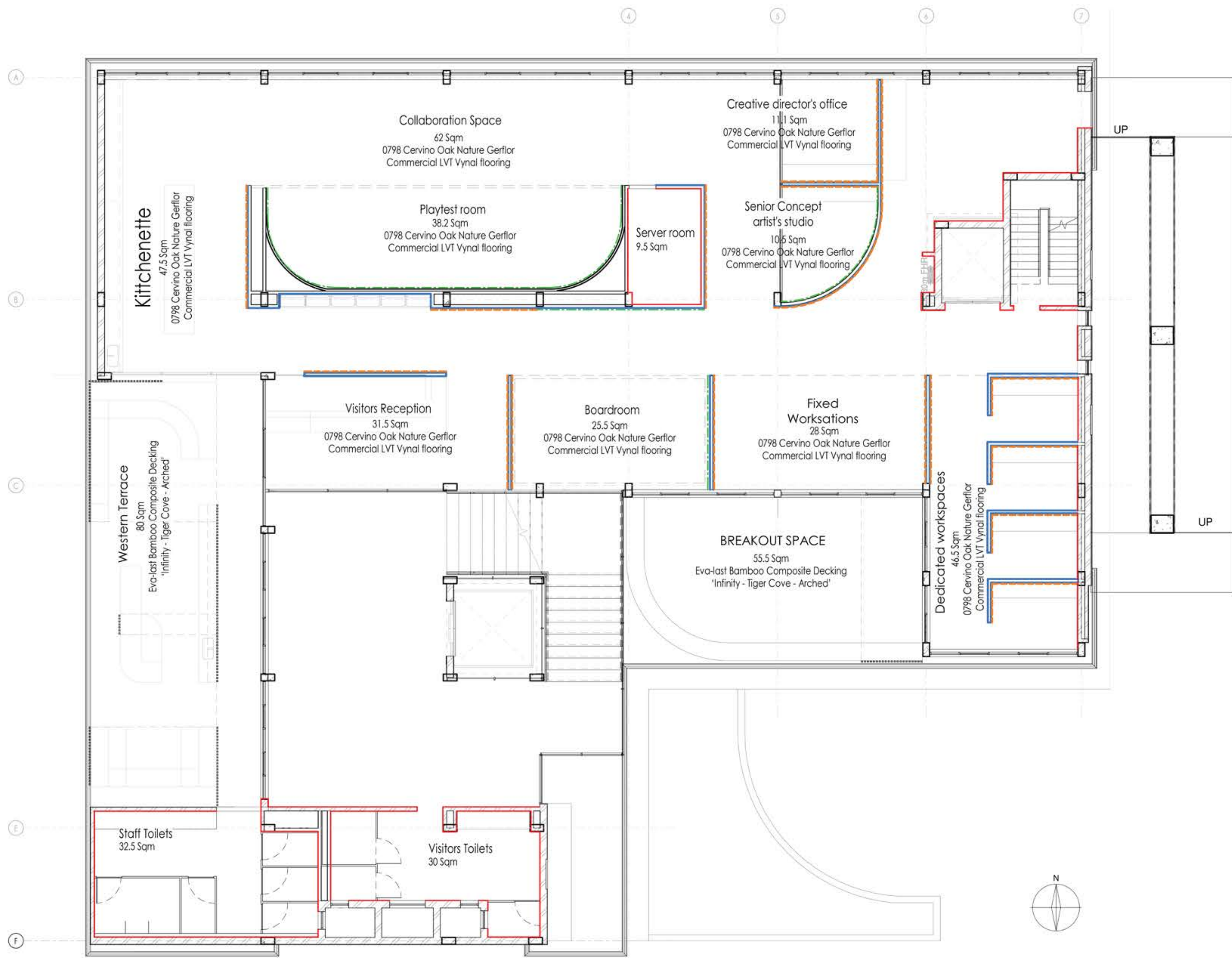
Wide circulation routes





FURNITURE SCHEDULE			
CODE	QUANTITY	PRODUCT	DESCRIPTION
C1	13		440 x 440 x 855 Hay Bar Stool - White - Elevenpast
C2	5		630 x 640 x 875 Eames DAW Bar Stool - White - Designer Chairs 24
C3	10		480 x 630 x 750 Perillo Chair - Black - Elevenpast
C4	12		700 x 760 x 1200 Merlin Office Chair - Black - The Office Group
C5 & T1	24		Zones Canteen Table and Chair Set - White - Natural - Teknion
	6		
C6	5		Luca Modular Sofas - 3521-011 Storm - Bernhardt Design
C7 & T2	8		Zones Workshop Table and Chair Set - White - Natural - Teknion
	2		
T3	3		1200 x 2500 x 750 Double workstation 100 Custom Dimension - Raw Studios

2nd Floor Plan
1 : 50



1 Floor and Wall Finishes Plan

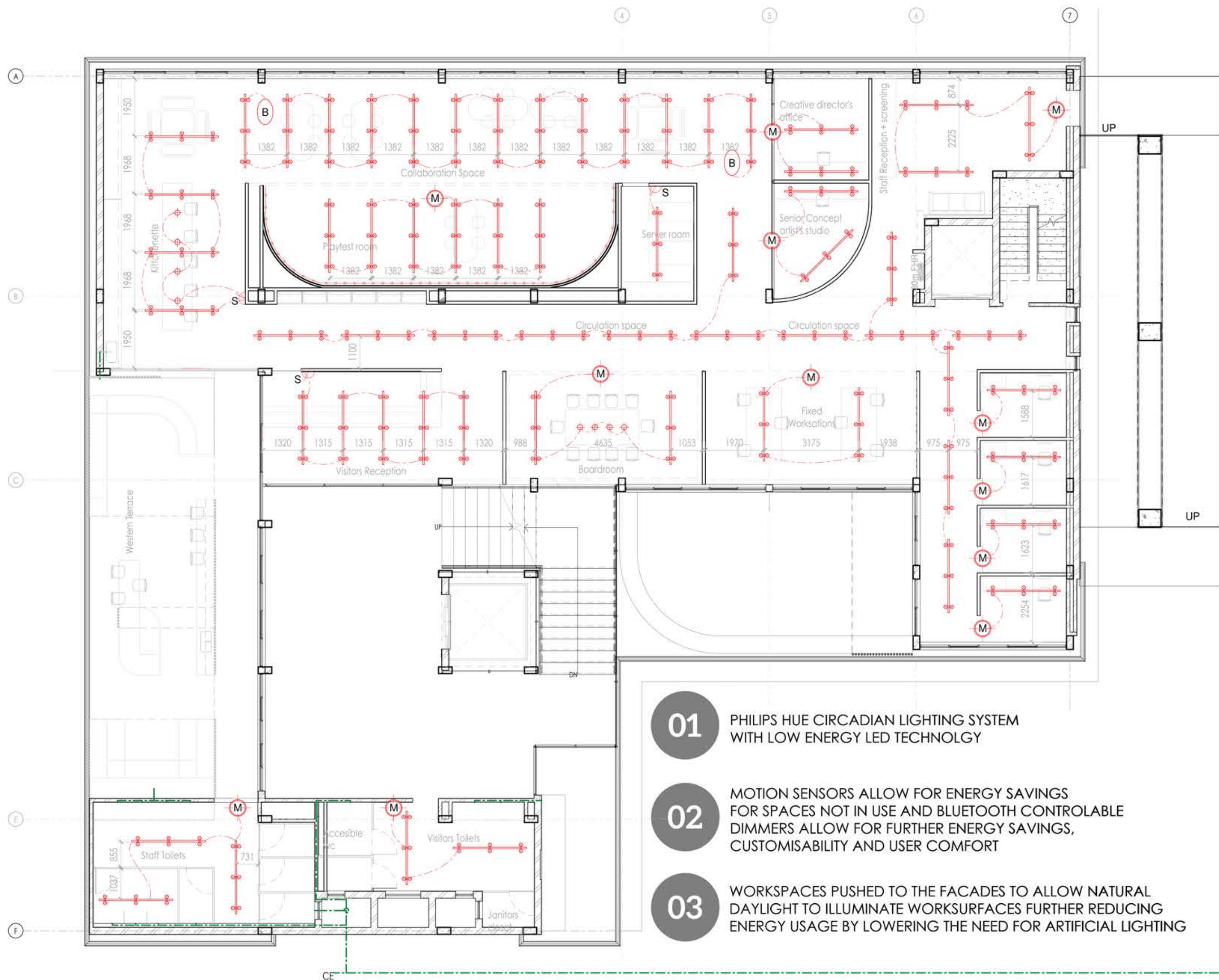
1 : 100

WALL FINISHES SCHEDULE	
SYMBOL	DESCRIPTION
	SARLOCK 440 cliplock steel roof sheeting finished with RHEININK - Charcoal Grey See Partion Detail
	900 x170 x 35mm thick Green Acoustics Wood Wool Natural/Cloud/Dark Grey Acoustic Panels fixed to Roof Sheeting fixed with Neodymium Magnets
	Planar LED Multitouch Interactive LED Video Wall
	Smooth Plastered & Painted W/ Light Grey Aluminium - 44 Placon

Boardroom + Fixed Workstations	Visitors Reception	Kitchenette	Offices	Dedicated Workspaces
L 3850 W 13950 H 2700 RI 2,58333333	L 3850 W 8165 H 3405 RI 1,198972	L 4825 W 9850 H 2700 RI 1,8240741	L 3265 W 7800 H 2700 RI 1,444444	L 3000 W 9250 H 2700 RI 1,712963
F 43755645,9 A 53707500 E 200 uF 0,42 mF 0,584496	F 4,87E+10 A 31435250 E 300 uF 0,31 mF 0,624348	F 3,636E+10 A 47526250 E 200 uF 0,41 mF 0,637632	F 5,26E+10 A 25467000 E 500 uF 0,38 mF 0,637632	F 5,31E+10 A 27750000 E 500 uF 0,41 mF 0,637632
LLMF 0,9 LMF 0,82 RSMF 0,88 LSF 0,9	LLMF 0,9 LMF 0,82 RSMF 0,94 LSF 0,9	LLMF 0,9 LMF 0,82 RSMF 0,96 LSF 0,9	LLMF 0,9 LMF 0,82 RSMF 0,96 LSF 0,9	LLMF 0,9 LMF 0,82 RSMF 0,96 LSF 0,9
E 200 N 43755,6459 Area M2 53,7075 Lumens 1600 N/Lamps 27	E 300 N 48724,77 Area M2 31,43525 Lumens 1600 N/Lamps 30	E 200 N 36358,803 Area M2 47,52625 Lumens 1600 N/Lamps 23	E 500 N 52552,59 Area M2 25,467 Lumens 1600 N/Lamps 33	E 500 N 53073,66 Area M2 27,75 Lumens 1600 N/Lamps 33
Estimated usage time 8 Watts/H 17 Engery usage (W/H) 3719	Estimated usage time 2 Watts/H 17 Engery usage 1035	Estimated usage time 5 Watts/H 17 Engery usage 1932	Estimated usage time 8 Watts/H 17 Engery usage 4467	Estimated usage time 8 Watts/H 17 Engery usage 4511

Terrace	Staff Reception	Collaboration space and Playlist	Staff Toilets	Visitors Toilets
L 5500 W 14380 H 3145 RI 2,28616852	L 3150 W 6600 H 3405 RI 0,969163	L 7035 W 17000 H 3405 RI 2,4963289	L 4250 W 7400 H 2700 RI 1,37037	L 4300 W 7365 H 2700 RI 1,363889
F 5,7524E+10 A 79090000 E 200 uF 0,45 mF 0,611064	F 2,94E+10 A 20790000 E 300 uF 0,34 mF 0,624348	F 2,436E+11 A 1,2E+08 E 500 uF 0,42 mF 0,584496	F 2,67E+10 A 31450000 E 200 uF 0,37 mF 0,637632	F 2,68E+10 A 31669500 E 200 uF 0,37 mF 0,637632
LLMF 0,9 LMF 0,82 RSMF 0,92 LSF 0,9	LLMF 0,9 LMF 0,82 RSMF 0,94 LSF 0,9	LLMF 0,9 LMF 0,82 RSMF 0,88 LSF 0,9	LLMF 0,9 LMF 0,82 RSMF 0,96 LSF 0,9	LLMF 0,9 LMF 0,82 RSMF 0,96 LSF 0,9
E 200 N 57524,4346 Area M2 79,09 Lumens 1600 N/Lamps 36	E 300 N 29381,24 Area M2 20,79 Lumens 1600 N/Lamps 18	E 500 N 243585,93 Area M2 119,595 Lumens 1600 N/Lamps 152	E 200 N 26661,15 Area M2 31,45 Lumens 1600 N/Lamps 17	E 200 N 26847,22 Area M2 31,6695 Lumens 1600 N/Lamps 17
Estimated usage time 2 Watts/H 17 Engery usage 1222	Estimated usage time 2 Watts/H 17 Engery usage 624	Estimated usage time 8 Watts/H 17 Engery usage 20705	Estimated usage time 1 Watts/H 17 Engery usage 283	Estimated usage time 1 Watts/H 17 Engery usage 285

SYMBOL	PRODUCT	DESCRIPTION	SYMBOL	PRODUCT	DESCRIPTION
		Boll Black E27 6 Wire Track Anti-Glare Spotlight W/ Philips Hue White A21 Lamp 1600 Lumens			Philips Hue Motion Sensor
		Custom Playstation Button Pendant Luminaires W/ GU10 Philips Hue Downlighters 250 Lumens			Switch
		Philips Play gradient 550 Lumens/Meter LED lightstrip			Philips Bluetooth Hue Bridge

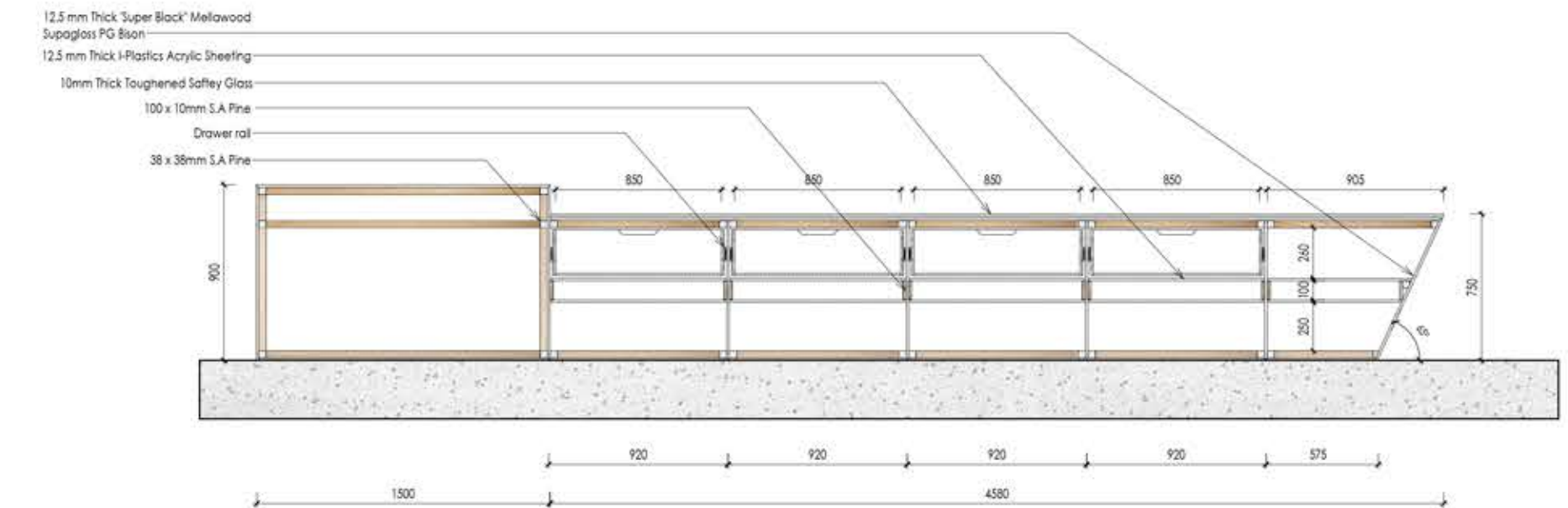
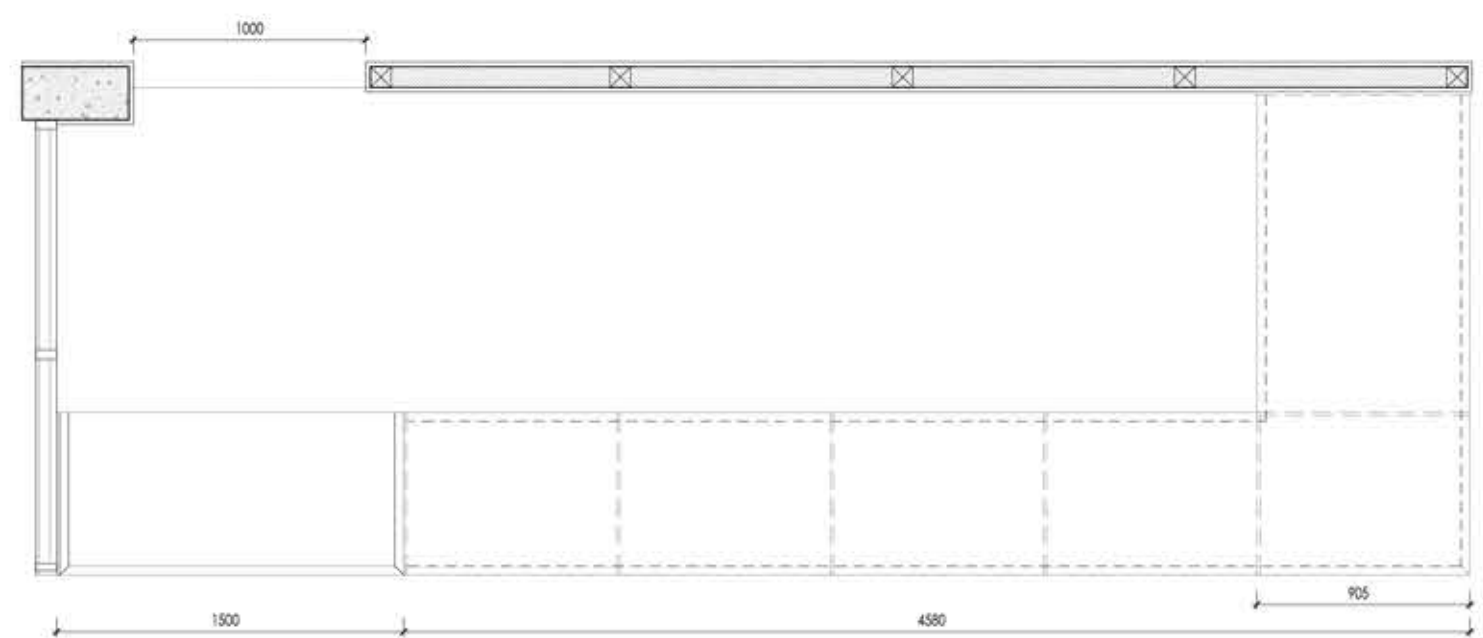
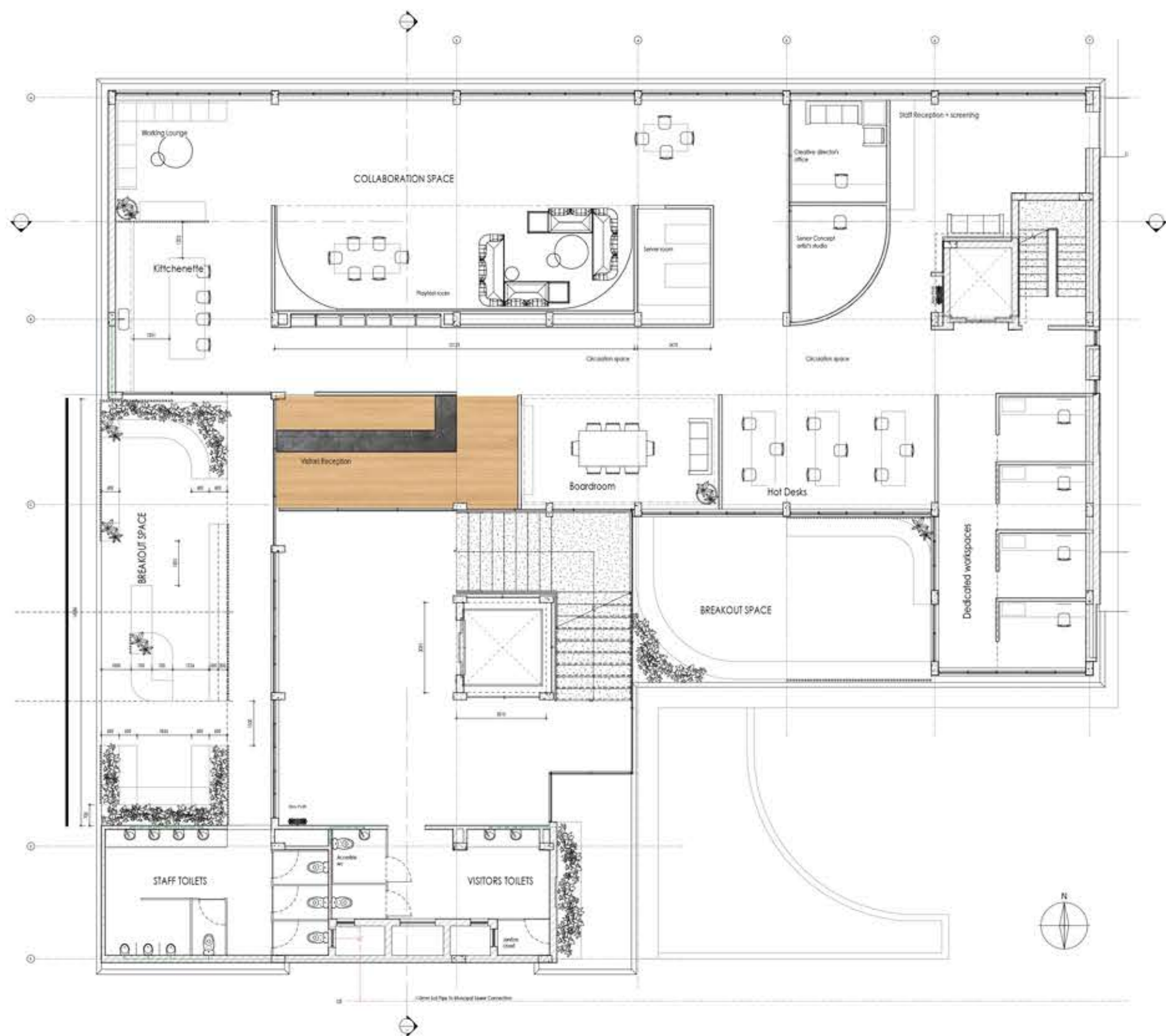
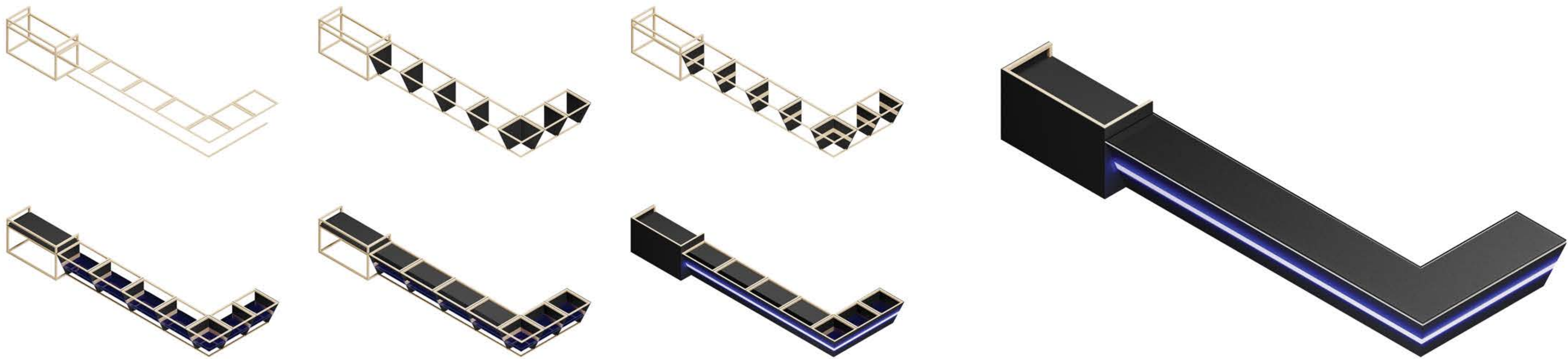


1 Lighting plan

1 : 100

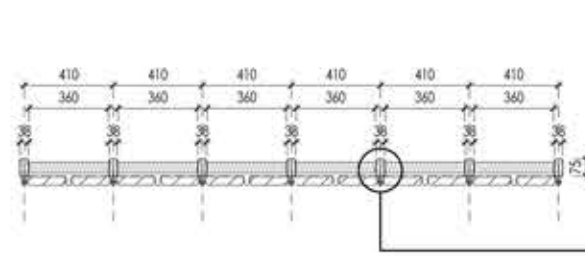
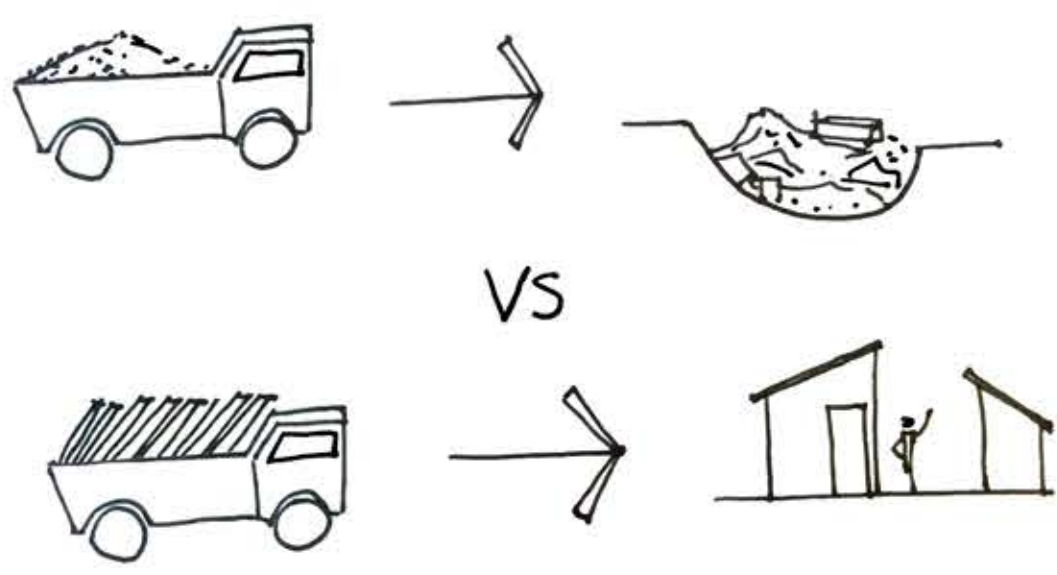
- 01 PHILIPS HUE CIRCADIAN LIGHTING SYSTEM WITH LOW ENERGY LED TECHNOLOGY
- 02 MOTION SENSORS ALLOW FOR ENERGY SAVINGS FOR SPACES NOT IN USE AND BLUETOOTH CONTROLABLE DIMMERS ALLOW FOR FURTHER ENERGY SAVINGS, CUSTOMISABILITY AND USER COMFORT
- 03 WORKSPACES PUSHED TO THE FACADES TO ALLOW NATURAL DAYLIGHT TO ILLUMINATE WORKSURFACES FURTHER REDUCING ENERGY USAGE BY LOWERING THE NEED FOR ARTIFICIAL LIGHTING



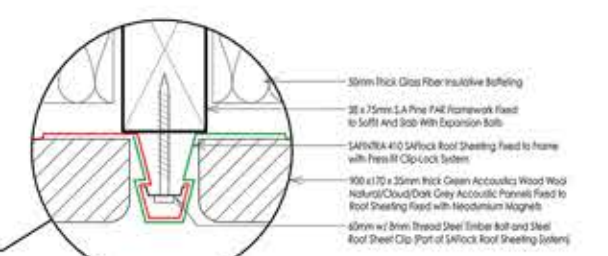


1 Reception desk detail drawings
1 : 20

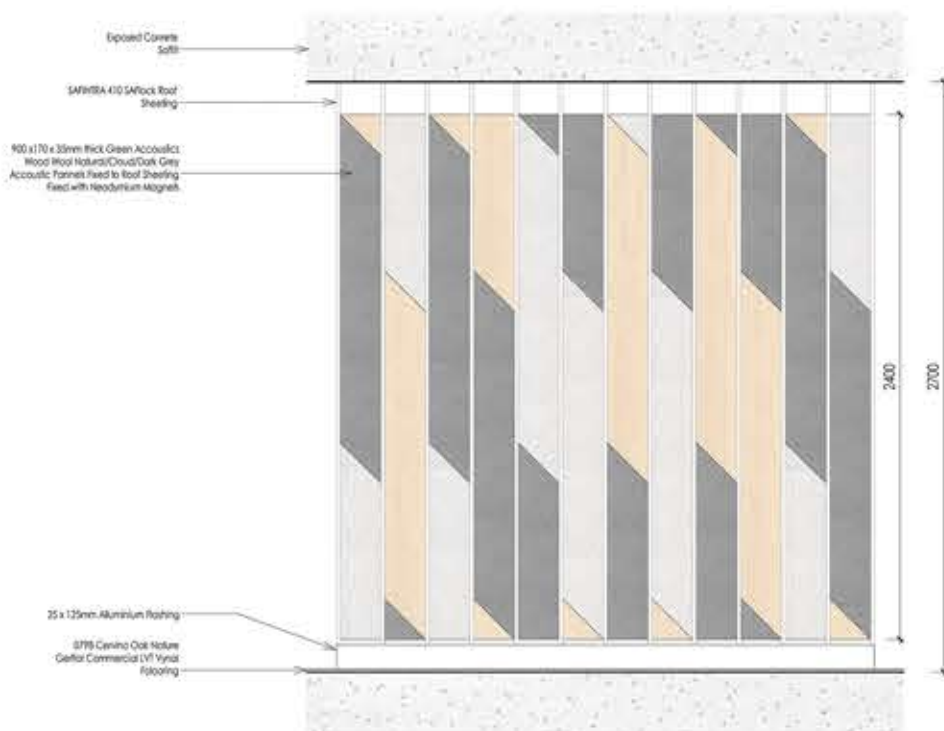
I developed this partition detail as an alternative to drywalling and as a modular system which can be flat packed and transported with ease. The intention is to play to the strengths of various materials and challenge the typical and unsustainable office partitioning system and in true Playstation fashion being on the cutting-edge of innovation. The roof-sheeting can then be donated to low-cost housing projects once it has served its purpose in the office. Good design should give back to everyone. Not just those who pay for it



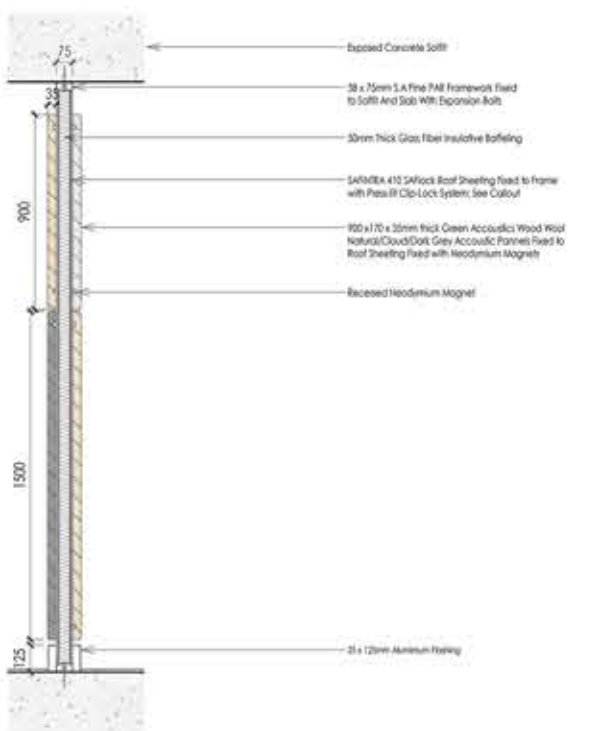
Partition Plan 1:20



Partition Callout 1:10

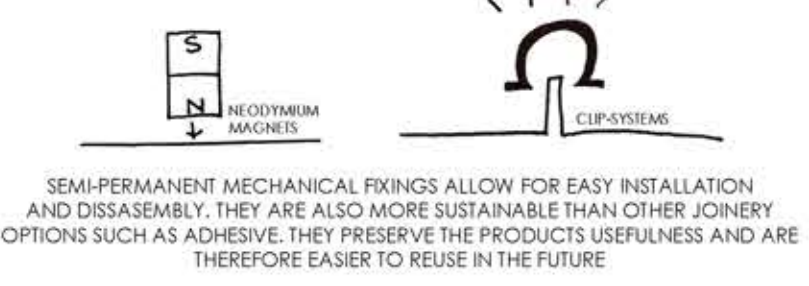


Partition Elevation 1:20

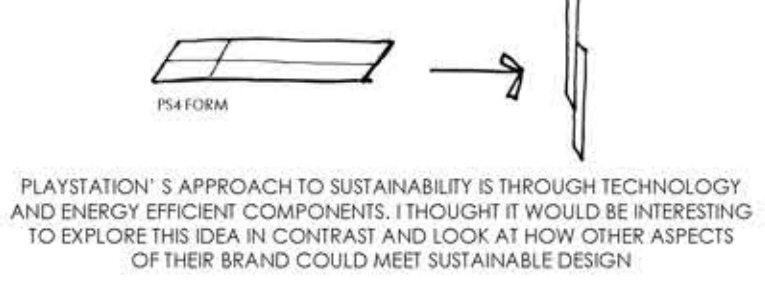


Partition Section 1:20

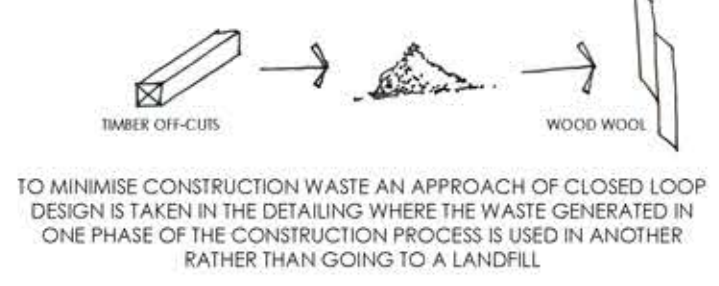
01 DESIGN FOR DISSASSEMBLY



02 BRAND MEETS SUSTAINABILITY

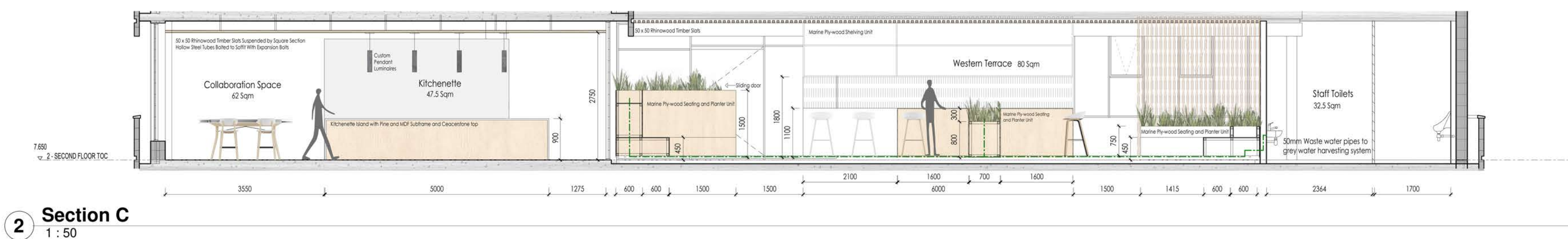
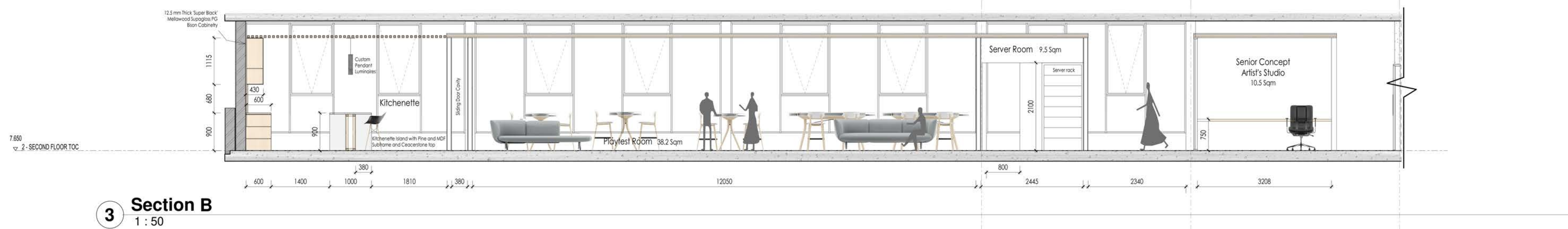
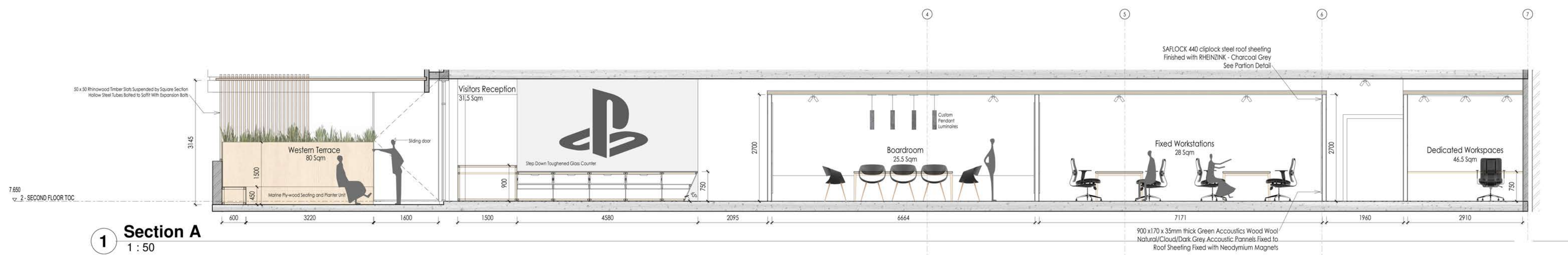


03 CLOSED LOOP DESIGN



2 Partition Detail
1 : 20





Water Usage (Based on Averages from Assignment 1)						Sanitary Calculations	
	Toilets x 29 Users	WHB x 29 Users	Planters	Sqm Total	Liters (L)	Total	Occupation
Daily (L)	36	1044	29	841	4	1325	G1 (29 Staff)
Weekly (L)	7308	5887	5887	30	13225	13225	
Monthly (L)	31320	25230	306965	120	96670	96670	Visitors ≤ 15
Yearly (L)	381060	306965	306965	1460	689485	689485	2 Toilets

Grey Water Used for Flushing Toilets and Irrigation		
	Grey Water Used	Water Saved
Daily (L)	841	1048
Weekly (L)	5887	7338
Monthly (L)	25230	31440
Yearly (L)	306965	382520

Staff	
≤ 30	4 Toilets
	2 Urinals
	4 WHB

